



## **Worksheet 5: Output devices**

### **Task 1 Comparison of printers**

1. Indicate whether each of the following statements applies to an inkjet printer, a laser printer or both

| Type of printer | Steps                                                                       |
|-----------------|-----------------------------------------------------------------------------|
|                 | Ink will smudge if still wet                                                |
|                 | Cartridges will dry out if not used for a while                             |
|                 | More expensive to buy than the other type of printer                        |
|                 | Cost of printouts is more expensive per page than the other type of printer |
|                 | Very fast printing speed                                                    |
|                 | Cheap to buy                                                                |
|                 | Uses dry ink toner                                                          |
|                 | Commonly used in businesses for high quality printing                       |
|                 | They can combine black and white and colour printing at the same time       |
|                 | Ideal for low volume home use when quality does not need to be perfect      |

2. Which printer (inkjet, laser or dot matrix) do you think is the most suitable choice for each of the following applications?

- A** - Producing one-off high quality photographs
- B** - Printing 2-part picking lists in a dusty warehouse
- C** - Producing invoices where three copies are required
- D** - Producing 5000 high quality colour flyers
- E** - Printing labels directly onto CDs



### **Task 2 3D printers**

Find four different applications of 3D printers. Explain why 3D printers are used in each of the applications you name.

### **Task 3 In-car entertainment screen**

You have been asked to design a new in-car entertainment screen aimed at keeping young children in the rear of cars occupied on long journeys. The screen may, or may not be incorporated into the rear of the front headrests.

What type of screen would you recommend, and why?